AUDIT REPORT

Hostname: Core

Config file name: core-router.txt

Config hash: 4f23b6ce687a76c7c82c1e07a0cb382bf245383d

Vendor: cisco OS: ios Facility layer: core L3 protocols: ipv4,ipv6

Enabled functions: ospf ipv4,eigrp named,bgp,acl created

Date: 18/05/2020_09:49

SUCCESS STATISTICS

Weighted score 96 out of 100 coefficient:

Successful checks: 93.9% Unsuccessful checks: 6.1%

Total number of relevant 147

started checks:

Successful checks: 138 Unsuccessful 'Critical': Unsuccessful 'High': Unsuccessful 'Medium': 4 Unsuccessful 'Low': 1 Unsuccessful 'Notice':

Authentication, Authorization, Accounting

No.	Name	Severity	Skipped	Cannot determine search/fix			
1	AAA new model/ Enabled AAA	High	False	False	Successful 🗸		
_	t configuration setting found in: ew-model						
2	AAA server set	High	False	False	Successful 🗸		
radiu: addre	t configuration setting found in: s server RADIUS_SERVER ess ipv4 192.168.60.11 auth-port 1645 acct-port 16 adKey1	546					
3	AAA server group	High	False	False	Successful 🗸		
aaa g	t configuration setting found in: croup server radius RADIUS_SERVER or name RADIUS_SERVER						
4	AAA authentication login	High	False	False	Successful 🗸		
Right configuration setting found in: aaa authentication login default group RADIUS_SERVER local enable							
5	AAA authentication login fallback	High	False	False	Successful 🗸		
_	t configuration setting found in: uthentication login default group RADIUS_SERVER	local enable					

6	AAA authentication login only local disabled	High	False	False	Successful 🗸				
7	AAA authentication login none disabled	Critical	False	False	Successful 🗸				
8	AAA authentication "enable"	Medium	False	False	Successful 🗸				
	Right configuration setting found in: aaa authentication enable default group RADIUS_SERVER enable								
9	AAA authentication "enable" fallback	Medium	False	False	Successful 🗸				
	t configuration setting found in: outhentication enable default group RADIUS_SERVE	R enable							
10	AAA authentication "enable" only local disabled	Medium	False	False	Successful 🗸				
11	AAA authentication "enable" none disabled	High	False	False	Successful 🗸				
12	AAA authorization "exec"	High	False	False	Successful 🗸				
	Right configuration setting found in: aaa authorization exec default group RADIUS_SERVER local if-authenticated								
13	AAA authorization "exec" fallback	High	False	False	Successful 🗸				
	t configuration setting found in: outhorization exec default group RADIUS_SERVER k	ocal if-authen	ticated						
14	AAA authorization "exec" only local disabled	High	False	False	Successful 🗸				
15	AAA authorization "exec" none disabled	Critical	False	False	Successful 🗸				
16	AAA accounting "connection"	High	False	False	Successful 🗸				
	t configuration setting found in: accounting connection default start-stop group RAD	OIUS_SERVER							
17	AAA auccounting "connection" none disabled	High	False	False	Successful 🗸				
18	AAA accounting "exec"	High	False	False	Successful 🗸				
	t configuration setting found in: accounting exec default start-stop group RADIUS_S	ERVER							
19	AAA accounting "exec" none disabled	High	False	False	Successful 🗸				
20	AAA source interface	Medium	False	False	Successful 🗸				
	t configuration setting found in: lius source-interface Loopback0								
21	AAA authentication max attempts less or equal to 5	High	False	False	Successful 🗸				

Access to device

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	Exec timeout <=5 minutes	Medium	False	False	Successful 🗸
line of	t configuration setting found in: con 0 -timeout 5 0 /ty 0 4 -timeout 5 0				
2	AUX connection input disabled	High	False	False	Successful 🗸
3	AUX no execution set	High	False	False	Successful 🗸
Right configuration setting found in: line aux 0 no exec					
4	Remote output connections disabled	Medium	False	False	Successful 🗸

line of trans line of trans line of	t configuration setting found in: con 0 cport output none aux 0 cport output none cty 0 4 cport output none				
5	Local user database with encrypted password	Critical	False	False	Successful 🗸
_	t configuration setting found in: name admin secret 5 \$1\$720u\$ep.dW.7w9aUAAeG	GoX.YoE.			
6	Local user database with plaintext password disabled	Critical	False	False	Successful 🗸
7	Enable password encrypted	Critical	False	False	Successful 🗸
	t configuration setting found in: le secret 5 \$1\$6Y11\$aATgfOC5l1wwORXfQmG1D0				
8	Enable password plaintext disabled	Critical	False	False	Successful 🗸
9	Local login to virtual terminal disabled	Critical	False	False	Successful 🗸
10	Restrict login to device - IPv4 ACL	Critical	False	False	Successful 🗸
line v	t configuration setting found in: vty 0 4 ss-class IPV4_VTY_ACL in				
11	ACL specified for VTY access is created	Critical	False	False	Error 🗶
Fix r Cann mana ip ac rema	ment: ot be fixed automatically! notice: ot be fixed automatically! If search is not successfaging devices with these commands: cess-list standard <acl name=""> irk Permiting managemnt device iit <ip address=""> <wildcard mask=""></wildcard></ip></acl>	ul create ACL	, which permits	s only needed e	end stations for
12	Log login to device on failure	High	False	False	Successful 🗸
	t configuration setting found in: on-failure log				
13	Log login to device on success	Medium	False	False	Successful 🗸
	t configuration setting found in: on-success log				
14	Login quiet mode	Medium	False	False	Successful 🗸
_	t configuration setting found in: quiet-mode access-class IPV4_VTY_ACL				
15	ACL exists for specified login quiet mode	e Medium	False	False	Error 🗶
Cann Fix r	ment: ot be fixed automatically! notice:				
mana ip ac rema	ot be fixed automatically! If search is not successfaging devices with these commands: cess-list standard <acl name=""> irk Permiting managemnt device iit <ip address=""> <wildcard mask=""></wildcard></ip></acl>	ul create ACL	, which permits	s only needed e	end stations for
16	One user change config at time	High	False	False	Successful 🗸
	t configuration setting found in: guration mode exclusive				
17	Legal banner MOTD	Low	False	False	Successful 🗸
	t configuration setting found in: er motd ^C Unauthorized access will be prosecute	ed!! ^C			
18	Legal banner exec	Low	False	False	Successful 🗸

banr	nt configuration setting found in: ner exec ^C Unauthorized access will be prosecut ner login ^C Unauthorized access will be prosecut				
19	Legal banner login	Low	False	False	Successful 🗸
banr	at configuration setting found in: her login ^C Unauthorized access will be prosecu her motd ^C Unauthorized access will be prosecu				
20	Session timeout	Medium	False	False	Successful 🗸
line sess line sess line	at configuration setting found in: con 0 ion-timeout 30 aux 0 ion-timeout 30 vty 0 4 ion-timeout 30				
21	AUX exec timeout one second	High	False	False	Successful 🗸
line	nt configuration setting found in: aux 0 -timeout 0 1				
22	Restrict login to device - IPv6 ACL	Critical	False	False	Successful 🗸
line	nt configuration setting found in: vty 0 4 access-class IPV6_VTY_ACL in				
23	ACL IPv6 specified for VTY access is created	Critical	False	False	Error 🗶
Canr	nment: not be fixed automatically!				
Canr man ipv6 rema	notice: not be fixed automatically! If search is not succes aging devices with these commands: access-list <acl name=""> ark Permiting managemnt device nit ip <ip address=""> <wildcard mask=""> any</wildcard></ip></acl>	sful create ACL	., which permi	ts only needed	end stations for
24	Login DOS block for	High	False	False	Successful 🗸
_	nt configuration setting found in: block-for 120 attempts 3 within 30				

SSH

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	SSH enable on management connection	Critical	False	False	Successful 🗸
line v	t configuration setting found in: ty 0 4 port input ssh				
2	SSH version 2	Critical	False	False	Successful 🗸
_	t configuration setting found in: n version 2				
3	SSH timeout	Medium	False	False	Successful 🗸
_	t configuration setting found in: n time-out 30				
4	SSH max 3 retries	Medium	False	False	Successful 🗸
5	SSH source interface	High	False	False	Successful 🗸
_	t configuration setting found in: n source-interface Loopback0				
6	SSH not default port	High	False	False	Successful 🗸

	configuration setting found in: port 2223 rotary 1				
7 9	SSH not default port applied	High	False	False	Successful 🗸
Right line vty rotary	•				

Device identification

Commer Cannot b Right conostname Cannot b Right conostname Cannot b Right conterface description Found p Loopback Ethernete Ethernete Ethernete	on figuration setting found in: the Core tomain name set tonfiguration setting found in: tin name thesis-test.cz I interfaces have description	Low	False False	False False	Successful ✓ Successful ✓ Error X
Right conostname Constraint Commer Cannot b Right conterface description Found p Loopback Ethernete Ethernete	pe fixed automatically! configuration setting found in: pe Core comain name set configuration setting found in: pe in name thesis-test.cz I interfaces have description nt: pe fixed automatically! configuration setting found in: pe Ethernet0/0				
Right cop domains Commercannot b Right conterface description composition of the conterface description of the copposition o	omain name set configuration setting found in: in name thesis-test.cz I interfaces have description nt: be fixed automatically! configuration setting found in: e Ethernet0/0				
Right cop domain and a commercannot be conterface description to complete themselves the complete themselves the contest of th	onfiguration setting found in: in name thesis-test.cz I interfaces have description nt: pe fixed automatically! onfiguration setting found in: e Ethernet0/0				
p domain All Commer Cannot b Right conterface description Found p Loopback Etherneto Etherneto Etherneto	In name thesis-test.cz I interfaces have description nt: De fixed automatically! Description setting found in: Ethernet0/0	Low	False	False	Error X
Commer Cannot b Right co nterface description Found p Loopback Etherneto Etherneto	nt: pe fixed automatically! ponfiguration setting found in: e Ethernet0/0	Low	False	False	Error X
Cannot b Right co nterface description Found p Loopback Ethernet(Ethernet(Ethernet(oe fixed automatically! onfiguration setting found in: e Ethernet0/0				
Ethernet: Ethernet: Ethernet: Ethernet: Serial2/0 Serial2/1 Serial2/3 Serial3/0 Serial3/1 Serial3/2 Serial3/3	20/1 20/2 20/3 21/0 21/1 21/2 21/3 3 0 2 3 3 Ce:				
Set interf nterface	face descrtiption with command: e <interface name=""> on <description interface="" of=""></description></interface>				

SNMP

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	SNMP v2 write disabled	Critical	False	False	Successful 🗸
2	SNMP v2 read without ACL disabled	Critical	False	False	Successful 🗸
3	SNMP v2 read with ACL disabled	Critical	False	False	Successful 🗸
4	SNMP v1 trap host disabled	Critical	False	False	Successful 🗸
5	SNMP v2 trap host disabled	Critical	False	False	Successful 🗸

6	SNMP v3 read [authnopriv noauth authpriv without ACL] or write disabled	Critical	False	False	Successful 🗸			
7	SNMP v3 read authpriv with ACL enabled	d Critical	False	False	Successful 🗸			
	nt configuration setting found in: p-server group SNMP_V3_GRP v3 priv read READVIE	EWv3 access	SNMP_V3					
8	SNMP v3 read authpriv with IPv6 ACL enabled	Critical	False	False	Successful 🗸			
	ot configuration setting found in: o-server group SNMP_V3_GRP_IPV6 v3 priv read RE	ADVIEWv3 ac	cess ipv6 SNM	P_V3_ACL6				
9	SNMP user v1 v2c or v3 [noauth authnopriv no sha no aes without ACL] disabled	Critical	False	False	Successful 🗸			
10	SNMP trap source interface	High	False	False	Successful 🗸			
	et configuration setting found in: o-server trap-source Loopback0							
11	SNMP server location	High	False	False	Successful 🗸			
	nt configuration setting found in: o-server location GNS3LAB							
12	SNMP v3 traps priv	Medium	False	False	Successful 🗸			
	ot configuration setting found in: o-server host 192.168.60.11 version 3 priv SNMPv3	USER						
13	SNMP traps v3 read [authnopriv noauth] or v1 v2 disabled	Critical	False	False	Successful 🗸			
14	SNMP traps enabled	Medium	False	False	Successful 🗸			
_	nt configuration setting found in: o-server enable traps snmp authentication linkdown	n linkup colds	tart warmstart					
15	ACL is created for SNMPv3	Critical	False	False	Error X			
	ment: not be fixed automatically!							
Canr recei ip ac rema	Fix notice: Cannot be fixed automatically! If search is not successful create ACL, which permits only needed end stations for receiving SNMP with these commands: ip access-list standard <acl name=""> remark Permiting SNMP permit <ip address=""> <wildcard mask=""></wildcard></ip></acl>							
16	ACL IPv6 is created for SNMPv3	Critical	False	False	Error X			
	ment: not be fixed automatically!							
Canr recei ipv6 rema	notice: not be fixed automatically! If search is not successficing SNMP with these commands: access-list <acl name=""> ark Permiting managemnt device nit ip <ip address=""> <wildcard mask=""> any</wildcard></ip></acl>	ul create ACL	, which permits	s only needed e	end stations for			
17	SNMP interface index persist enabled globally	High	False	False	Successful 🗸			
	et configuration setting found in: o-server ifindex persist							
18	SNMP interface index persist enabled per interface	High	False	False	Matched by equivalent ✔			
Com	ment:							
Mod	ale was marked as matched by equivalent by modu	ıle 05_20_snn	np_ifindex_pers	sist_globally.ya	ml			

Syslog

No. Name	Severity Skipped	Cannot determine Status search/fix
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1	Syslog server enabled	High	False	False	Successful 🗸				
_	nt configuration setting found in: ng host 192.168.60.11								
2	Syslog server IPv6 enabled	High	False	False	Not relevant ✓				
Mod	Comment: Module 06_02_syslog_server_ipv6.yaml configured to run after 06_01_syslog_server.yaml with status error but that module has not run yet with specified cmd_match_status, 06_02_syslog_server_ipv6.yaml will not run								
3	Syslog source interface	Medium	False	False	Successful 🗸				
_	nt configuration setting found in: ng source-interface Loopback0								
4	Syslog format	Medium	False	False	Successful 🗸				
_	nt configuration setting found in: ce timestamps log datetime msec								
5	Syslog critical alerts to console	Medium	False	False	Successful 🗸				
	nt configuration setting found in: ng console critical								
6	Syslog send informational traps	High	False	False	Successful 🗸				
7	Syslog buffer set with severity	High	False	False	Successful 🗸				
	nt configuration setting found in: ng buffered 40960 informational								
8	Syslog local backup	High	False	False	Successful 🗸				
_	nt configuration setting found in: ng persistent url unix:/								
9	Syslog sequence numbers added	Medium	False	False	Successful 🗸				
_	et configuration setting found in: ce sequence-numbers								

NTP

No.	Name	Severity	Skipped	Cannot determine search/fix			
1	NTP server set	High	False	False	Successful 🗸		
_	t configuration setting found in: erver 192.168.60.11						
2	NTP source interface	Medium	False	False	Successful 🗸		
Right configuration setting found in: ntp source Loopback0							
3	NTP authentication key	High	False	False	Successful 🗸		
_	t configuration setting found in: uthentication-key 1 md5 06081B317C4F1A0A1213	343595F 7					
4	NTP trusted key	High	False	False	Successful 🗸		
_	Right configuration setting found in: ntp trusted-key 1						
5	NTP authenticate	High	False	False	Successful 🗸		
_	t configuration setting found in: uthenticate						

High load

1	SNMP traps for CPU load	Medium	False	False	Successful 🗸			
	Right configuration setting found in: snmp-server enable traps cpu threshold							
2	Threshold for CPU load	Medium	False	False	Successful 🗸			
	Right configuration setting found in: process cpu threshold type total rising 70 interval 5							
3	Statistics entry for CPU load	Low	False	False	Successful 🗸			
_	Right configuration setting found in: process cpu statistics limit entry-percentage 70							
4	Reserve memory for critical notification	Medium	False	False	Successful 🗸			
_	at configuration setting found in: nory reserve critical 1000							
5	Minimum CPU memory notification	Medium	False	False	Successful 🗸			
_	Right configuration setting found in: memory free low-watermark processor 2000							
6	Minimum IO memory notification	Medium	False	False	Error 🗶			
	Generated fix: memory free low-watermark io 2000							

No.	Name	Severity	Skipped	Cannot determine search/fix	
l	CDP globally disabled	Critical	False	False	Successful 🗸
	t configuration setting found in:				
2	CDP disabled on interface(s)	Critical	False	False	Matched by equivalent ✔
	ment: ıle was marked as matched by equivalent by mod	ule 11_01_cdp	_run_disabled	.yaml	
3	LLDP globally disabled	Critical	False	False	Successful 🗸
4	LLDP receive disabled on interface(s)	Critical	False	False	Not relevant ✓
Modu	ment: ule 11_04_lldp_receive.yaml configured to run afte not run yet with specified cmd_match_status, 11_0				error but that mod
	LLDD transmit disabled an interface(s)	Critical	False	False	Not relevant ✓
5	LLDP transmit disabled on interface(s)				
Modu	ment: lle 11_05_lldp_transmit.yaml configured to run aft lle has not run yet with specified cmd_match_stat				s error but that

Right configuration setting found in: interface Loopback0 no ip proxy-arp interface Ethernet0/0 no ip proxy-arp interface Ethernet0/1 no ip proxy-arp interface Ethernet0/2 no ip proxy-arp interface Ethernet0/3 no ip proxy-arp interface Ethernet1/0 no ip proxy-arp interface Ethernet1/1 no ip proxy-arp interface Ethernet1/2 no ip proxy-arp interface Ethernet1/3 no ip proxy-arp interface Serial2/0 no ip proxy-arp interface Serial2/1 no ip proxy-arp interface Serial2/2 no ip proxy-arp interface Serial2/3 no ip proxy-arp interface Serial3/0 no ip proxy-arp interface Serial3/1 no ip proxy-arp interface Serial3/2 no ip proxy-arp interface Serial3/3 no ip proxy-arp ICMP Unreachable disabled on High **False False** Successful < interface(s) Right configuration setting found in: interface Loopback0 no ip unreachables interface Ethernet0/0 no ip unreachables interface Ethernet0/1 no ip unreachables interface Ethernet0/2 no ip unreachables interface Ethernet0/3 no ip unreachables interface Ethernet1/0 no ip unreachables interface Ethernet1/1 no ip unreachables interface Ethernet1/2 no ip unreachables interface Ethernet1/3 no ip unreachables interface Serial2/0 no ip unreachables interface Serial2/1 no ip unreachables interface Serial2/2 no ip unreachables interface Serial2/3 no ip unreachables interface Serial3/0 no ip unreachables interface Serial3/1 no ip unreachables interface Serial3/2 no ip unreachables interface Serial3/3 no ip unreachables ICMPv6 Unreachable disabled on High **False** False Successful < interface(s)

interface Loopback0 no ipv6 unreachables interface Ethernet0/0 no ipv6 unreachables interface Ethernet0/1 no ipv6 unreachables interface Ethernet0/2 no ipv6 unreachables interface Ethernet0/3 no ipv6 unreachables interface Ethernet1/0 no ipv6 unreachables interface Ethernet1/1 no ipv6 unreachables interface Ethernet1/2 no ipv6 unreachables interface Ethernet1/3 no ipv6 unreachables interface Serial2/0 no ipv6 unreachables interface Serial2/1 no ipv6 unreachables interface Serial2/2 no ipv6 unreachables interface Serial2/3 no ipv6 unreachables interface Serial3/0 no ipv6 unreachables interface Serial3/1 no ipv6 unreachables interface Serial3/2 no ipv6 unreachables interface Serial3/3 no ipv6 unreachables

9	ICMP Mask Reply disabled on interface(s)	High	False	False	Successful 🗸
10	Directed broadcast disabled on interface(s)	Critical	False	False	Successful 🗸
11	ICMP Redirects disabled on interface(s)	High	False	False	Successful 🗸

Right configuration setting found in:

interface Loopback0 no ip redirects interface Ethernet0/0 no ip redirects interface Ethernet0/1 no ip redirects interface Ethernet0/2 no ip redirects interface Ethernet0/3 no ip redirects interface Ethernet1/0 no ip redirects interface Ethernet1/1 no ip redirects interface Ethernet1/2 no ip redirects interface Ethernet1/3 no ip redirects interface Serial2/0 no ip redirects interface Serial2/1 no ip redirects interface Serial2/2 no ip redirects interface Serial2/3 no ip redirects interface Serial3/0 no ip redirects interface Serial3/1 no ip redirects interface Serial3/2 no ip redirects interface Serial3/3 no ip redirects

Routing

No.	Name	Severity	Skipped	Cannot determine search/fix		
1	OSPF IPv4 Router ID	Medium	False	False	Successful 🗸	
route	t configuration setting found in: r ospf 1 r-id 10.10.10.1					
2	OSPF IPv6 Router ID	Medium	True	False	Not relevant ✓	
Comment: Skipped, required function ospf ipv6 not configured on device. Everything is OK.						
3	OSPFv3 Address Family General Router ID	Medium	True	False	Not relevant ✓	
	ment: led, required function ospfv3 not configured on dev	vice. Everythi	ng is OK.			
4	OSPFv3 Address Family IPv4 Router ID	Medium	True	False	Not relevant ✓	
	ment: ned, required function ospfv3 not configured on dev	vice. Everythi	ng is OK.			
5	OSPFv3 Address Family IPv6 Router ID	Medium	True	False	Not relevant ✓	
Comment: Skipped, required function ospfv3 not configured on device. Everything is OK.						
6	EIGRP IPv4 Router ID	Medium	True	False	Not relevant ✓	
	ment: led, required function eigrp ipv4 not configured on	device. Every	ything is OK.			
7	EIGRP IPv6 Router ID	Medium	True	False	Not relevant ✓	

Comment: Skipped, required function eigrp ipv6 not configured on device. Everything is OK.							
3	EIGRP Named IPv4 Router ID	Medium	False	False	Successful 🗸		
oute addr	et configuration setting found in: er eigrp EIGRP_NAMED ess-family ipv4 unicast autonomous-system 1 o router-id 10.10.10.1						
9	EIGRP Named IPv6 Router ID	Medium	False	False	Successful 🗸		
oute	of configuration setting found in: er eigrp EIGRP_NAMED ess-family ipv6 unicast autonomous-system 1 o router-id 10.10.10.1						
10	BGP Router ID	Medium	False	False	Successful 🗸		
route	et configuration setting found in: er bgp 1211 router-id 3.3.3.3						
11	OSPF IPv4 Log adjacency changes	Medium	False	False	Successful 🗸		
12	OSPF IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function ospf ipv6 not configured o	n device. Every	rthing is OK.				
13	OSPFv3 Address Family IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function ospfv3 not configured on c	device. Everyth	ing is OK.				
14	OSPFv3 Address Family IPv4 Log adjacency changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function ospfv3 not configured on c	device. Everyth	ing is OK.				
15	OSPFv3 Address Family IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function ospfv3 not configured on c	device. Everyth	ing is OK.				
16	EIGRP IPv4 Log neighbor changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function eigrp ipv4 not configured o	on device. Ever	ything is OK.				
17	EIGRP IPv6 Log neighbor changes	Medium	True	False	Not relevant ✓		
	ment: ped, required function eigrp ipv6 not configured o	on device. Ever	ything is OK.				
18	EIGRP Named IPv4 Log neighbor changes	Medium	False	False	Successful 🗸		
19	EIGRP Named IPv6 Log neighbor changes	Medium	False	False	Successful 🗸		
20	BGP Log neighbor changes	Medium	False	False	Successful 🗸		
route	ot configuration setting found in: er bgp 1211 log-neighbor-changes						
21	RIP auto summary disabled	High	True	False	Not relevant ✓		
	21 RIP auto summary disabled High True False						
Com Skipp	oed, required function rip not configured on device	ce. Everythina i	is OK.				

	Comment: Skipped, required function eigrp ipv4 not configured on device. Everything is OK.						
23	EIGRP IPv6 Auto summary disabled	High	True	False	Not relevant ✓		
	Comment: Skipped, required function eigrp ipv6 not configured on device. Everything is OK.						
24	EIGRP Named IPv4 Auto summary disabled	High	False	False	Successful 🗸		
25	EIGRP Named IPv6 Auto summary disabled	High	False	False	Successful 🗸		
26	BGP Auto summary disabled	High	False	False	Successful 🗸		
27	BGP Multihop disabled or TTL security used	High	False	False	Successful 🗸		
28	IP Source routing (IP Options) disabled	Critical	False	False	Successful 🗸		

Filtering

No.	Name	Severity	Skipped	Cannot determine search/fix	
-	ACL filter specified for IPv4 addresses on WAN	Critical	False	False	Successful 🗸
p acceemandeny deny deny deny deny deny deny deny	t configuration setting found in: cess-list extended IPV4_WAN_FILTER rk DENY RFC6890 and RFC8190 ip 0.0.0.0 0.255.255.255 any log-input ip 10.0.0.0 0.255.255.255 any log-input ip 100.64.0.0 0.63.255.255 any log-input ip 127.0.0.0 0.255.255.255 any log-input ip 127.0.0.0 0.0.255.255 any log-input ip 192.0.0.0 0.0.55.255 any log-input ip 192.0.0.0 0.0.0.7 any log-input ip 192.0.2.0 0.0.0.255 any log-input ip 192.18.0.0 0.1.255.255 any log-input ip 192.18.0.0 0.0.255 any log-input ip 192.18.0.0 0.0.255.255 any log-input ip 192.168.0.0 0.0.255.255 any log-input ip 192.0.0.0 0.255.255 any log-input ip 203.0.113.0 0.0.0.255 any log-input ip 203.0.113.0 0.0.0.255 any log-input ip 240.0.0 15.255.255.255 any log-input ip 240.0.0.0 15.255.255.255.255 any log-input it ip any any				
2	ACL filter IPv4 applied on WAN interface	Critical	False	False	Successful 🗸
nterf	t configuration setting found in: ace Ethernet0/0 :ess-group IPV4_WAN_FILTER in				
3	ACL filter specified for IPv5 addresses on WAN	Critical	False	False	Successful 🗸
pv6 aremaideny deny deny deny deny deny deny deny	t configuration setting found in: access-list IPV6_WAN_FILTER rk DENY RFC6890 and RFC8190 and RFC5156 ipv6 host ::1 any log-input ipv6 host ::any log-input ipv6 ::FFFF:0.0.0.0/96 any log-input ipv6 100::/64 any log-input ipv6 2001::/23 any log-input ipv6 2001::/32 any log-input ipv6 2001:2::/48 any log-input ipv6 2001:DB8::/32 any log-input ipv6 2001:10::/28 any log-input ipv6 2002::/16 any log-input ipv6 FC00::/7 any log-input ipv6 FC00::/8 any log-input ipv6 any any log-input undetermined-transport it ipv6 any any				
1	ACL filter IDV6 applied on WAN interface	Critical	Falso	Falso	Cupperstul
٠	ACL filter IPv6 applied on WAN interface	CHILICAL	False	False	Successful 🗸

inter	nt configuration setting found in: face Ethernet0/0 traffic-filter IPV6_WAN_FILTER in IP Options disabled	Critical	False	False	Successful ✓
_	nt configuration setting found in: ntions drop				
6	ACL filter IPv6 unknown extended header	Critical	False	False	Successful 🗸
ipv6 rema deny deny deny deny deny deny deny deny	at configuration setting found in: access-list IPV6_WAN_FILTER ark DENY RFC6890 and RFC8190 and RFC5156 ipv6 host ::1 any log-input ipv6 host :: any log-input ipv6 loo::/64 any log-input ipv6 2001::/23 any log-input ipv6 2001::/32 any log-input ipv6 2001::/32 any log-input ipv6 2001:2::/48 any log-input ipv6 2001:DB8::/32 any log-input ipv6 2001:10::/28 any log-input ipv6 2001:10::/28 any log-input ipv6 FC00::/7 any log-input ipv6 FC00::/8 any log-input ipv6 any any log-input undetermined-transport init ipv6 any any				
7	ACL filter IPv6 unknown extended header applied on WAN interface	Critical	False	False	Successful 🗸
inter	nt configuration setting found in: face Ethernet0/0 traffic-filter IPV6_WAN_FILTER in				

Other

No.	Name	Severity	Skipped	Cannot determine search/fix			
1	Servis PAD disabled (Packet assembler disassembler)	High	False	False	Successful 🗸		
Right configuration setting found in: no service pad							
2	BOOTP server disabled	High	False	False	Successful 🗸		
_	Right configuration setting found in: no ip bootp server						
3	ldent protocol disabled	High	False	False	Successful 🗸		
4	Finger protocol disabled	High	False	False	Successful 🗸		
5	HTTP server disabled	High	False	False	Successful 🗸		
6	HTTPS server disabled	High	False	False	Successful 🗸		
7	TCP small server disabled	High	False	False	Successful 🗸		
8	UDP small server disabled	High	False	False	Successful 🗸		
9	MOP protocol disabled	High	False	False	Successful 🗸		

_	It configuration setting found in: face Ethernet0/0								
	nop enabled face Ethernet0/1								
	nop enabled								
	interface Ethernet0/2								
	nop enabled face Ethernet0/3								
	nop enabled								
	face Ethernet1/0								
	nop enabled face Ethernet1/1								
	nop enabled								
	face Ethernet1/2 nop enabled								
inter	face Ethernet1/3								
no m	nop enabled IP domain lookup disabled	High	False	False	Successful 🗸				
Righ	et configuration setting found in:	g	1 4.50	1 0.00	Succession				
no ip	domain lookup Gratuitous ARPs generation disabled	High	False	False	Successful 🗸				
T T	Gratuitous ANFS generation disabled	riigii	i aise	i aise	Successiui				
	nt configuration setting found in: gratuitous-arps								
12	Gratuitous ARPs reject enabled	High	False	False	Successful 🗸				
_	nt configuration setting found in:								
ip ar	p gratuitous none Netflow is disabled	Notice	False	False	Successful 🗸				
					Successial -				
Fix ignore comment: By default fix is ignored due to disablement of traffic monitoring. Consider whether port mirroring is neccesary for monitoring									
14	Netflow version 9 used	Medium	False	False	Not relevant ✓				
Comment: Module 15_14_netflow_version_9.yaml configured to run after 15_13_netflow.yaml with status error but that module has not run yet with specified cmd_match_status, 15_14_netflow_version_9.yaml will not run									
15	Netflow traffic analyze disabled on interface(s)	Notice	False	False	Not relevant ✓				
Comment: Module 15_15_netflow_interface.yaml configured to run after 15_13_netflow.yaml with status error but that module had not run yet with specified cmd_match_status, 15_15_netflow_interface.yaml will not run									
By d	gnore comment: efault fix is ignored due to disablement of traffic itoring	monitoring. Co	nsider whetl	ner port mirrori	ng is neccesary for				
16	Port mirroring disabled on interface(s)	Notice	False	False	Successful 🗸				
Fix ignore comment: By default fix is ignored due to disablement of traffic monitoring. Consider whether port mirroring is neccesary for monitoring									
17	Set always "UP" Loopback interface wi	th Medium	False	False	Successful 🗸				
inter ip ad no ip no ip no ip ip os no ip	t configuration setting found in: face Loopback0 Idress 10.10.10.20 255.255.255 predirects unreachables proxy-arp pf network point-to-point ty6 unreachables p ifindex persist								
18	Notification on memory IO leak/overflo	w Medium	False	False	Error 🗶				
	erated fix: ption memory ignore overflow io								

19	Notification on memory CPU leak/overflow	Medium	False	False	Error X			
Generated fix: exception memory ignore overflow processor								
20	Network boot disabled	Medium	False	False	Successful 🗸			
21	Network config load disabled	Medium	False	False	Successful 🗸			
22	SCP server enabled	Medium	False	False	Successful 🗸			
Right configuration setting found in: ip scp server enable								
23	SCP alias copy instead of TFTP	High	False	False	Successful 🗸			
24	Protection of configuration deletion	High	False	False	Successful 🗸			
Right configuration setting found in: secure boot-config								
25	Archive and log config changes	Medium	False	False	Successful 🗸			
log config logging enable notify syslog contenttype plaintext hidekeys path unix: maximum 5 time-period 60 memory reserve critical 1000 memory free low-watermark processor 2000 username admin secret 5 \$1\$720u\$ep.dW.7w9aUAAeGoX.YoE. secure boot-config								
26	Terminate hanged inbound TCP connection to device	Medium	False	False	Successful 🗸			
Right configuration setting found in: service tcp-keepalives-in								
27	Terminate hanged outbound TCP connection to device	Medium	False	False	Successful 🗸			
Right configuration setting found in: service tcp-keepalives-out								
28	Encrypt all saved passwords in configuration	Critical	False	False	Successful 🗸			
Right configuration setting found in: no service password-encryption								